UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/25/2006

KATHRYN A. MARRA General Motors Corporation Legal Staff, Mail Code 482-C23-B21 P.O. Box 300 Detroit, MI 48265-3000

EXAMINER				
TRAN, BINH Q				
ART UNIT	PAPER NUMBER			
3748				

DATE MAILED: 01/25/2006

-	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/812,584	03/30/2004	Sanjeev M. Naik	GP-303148	3248

TITLE OF INVENTION: COORDINATED ENGINE CONTROL FOR LEAN NOX TRAP REGENERATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/25/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### **HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

indicated unless corrected maintenance fee notification	below or directed otherwise	in Block 1, by (a) specif	fying a new co	rrespondence address;	and/or (b) indicating a sepa	rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block I for	any change of address)		papers. Each additions	mailing can only be used for is certificate cannot be used all paper, such as an assignment	or domestic mailings of the for any other accompanying ent or formal drawing, must
	590 01/25/2006			have its own certificate	e of mailing or transmission.	<b>0</b> ,
KATHRYN A. N General Motors Co Legal Staff, Mail C P.O. Box 300	rporation			Cer I hereby certify that the States Postal Service vaddressed to the Mai transmitted to the USP	rtificate of Mailing or Trans nis Fee(s) Transmittal is bein with sufficient postage for fir I Stop ISSUE FEE address TO (571) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
Detroit, MI 48265-	3000					(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	FIRST	NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,584	03/30/2004	Sa	njeev M. Naik		GP-303148	3248
FITLE OF INVENTION: C	OORDINATED ENGINE C	ONTROL FOR LEAN NO	OX TRAP REC	GENERATION		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	МО	\$1400		\$300	\$1700	04/25/2006
EXAN	IINER	ART UNIT	CL	ASS-SUBCLASS	]	
TRAN,	BINH Q	3748		060-274000		
l. Change of correspondenc CFR 1.363).	e address or indication of "Fe	` I		he patent front page, li		_
_ ′	dence address (or Change of (22) attached.	Correspondence or ag	gents OR, alter	• •		· · · · ·
☐ "Fee Address" indica	tion (or "Fee Address" Indica or more recent) attached. Use	tion form regis	the name of a s stered attorney gistered patent ed, no name wil	ingle firm (having as a or agent) and the nam attorneys or agents. If l be printed.	nes of up to no name is 3	
	RESIDENCE DATA TO B		•	•• •		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee data win this form is NOT a subs	ill appear on th stitute for filing	e patent. If an assign an assignment.	ee is identified below, the d	ocument has been filed for
(A) NAME OF ASSIGN	EE	(B) RESI	DENCE: (CIT	Y and STATE OR CO	UNTRY)	
Please check the annronriate	assignee category or catego	ries (will not be printed or	n the natent) :	☐ Individual ☐ Co	orporation or other private gro	oun entity Government
la. The following fee(s) are			ent of Fee(s):		orporation of other private give	oup chany — continuent
☐ Issue Fee		□ A c	check in the am	ount of the fee(s) is en	closed.	
	mall entity discount permitte		•	card. Form PTO-2038		
Advance Order - # or	Copies	The Deposit	ne Director is h sit Account Nur	ereby authorized by conber	harge the required fee(s), or enclose an extra c	credit any overpayment, to opy of this form).
	(from status indicated above	)		<del> </del>		
	MALL ENTITY status. See		••		LL ENTITY status. See 37 C	
The Director of the USPTO NOTE: The Issue Fee and P nterest as shown by the reco	is requested to apply the Issuublication Fee (if required) vords of the United States Pate	le Fee and Publication Fee vill not be accepted from a ent and Trademark Office.	e (if any) or to a anyone other th	e-apply any previousl an the applicant; a reg	y paid issue fee to the application is tered attorney or agent; or the	ation identified above.
Authorized Signature				Date		
				-	No	
This collection of information application. Confidential submitting the completed aphis form and/or suggestion 30x 1450, Alexandria, Virgala 22313-	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. oplication form to the USPT is for reducing this burden, shinia 22313-1450. DO NOT 11450.	11. The information is req 122 and 37 CFR 1.14. The D. Time will vary depend ould be sent to the Chief SEND FEES OR COMPL	quired to obtain his collection is ding upon the i Information O LETED FORM	or retain a benefit by to sestimated to take 12 andividual case. Any cofficer, U.S. Patent and S TO THIS ADDRESS	the public which is to file (an minutes to complete, includir mments on the amount of ti Trademark Office, U.S. Dep S. SEND TO: Commissioner	d by the USPTO to process) ag gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspta.op.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,584	03/30/2004	Sanjeev M. Naik	GP-303148	3248
7590 01/25/2006		EXAMINER		
KATHRYN A. M	1ARRA	TRAN, BINH Q		
General Motors Co Legal Staff, Mail C			ART UNIT	PAPER NUMBER
P.O. Box 300			3748	
Detroit, MI 48265-	3000		DATE MAILED: 01/25/2000	6

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 72 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 72 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.